## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.      | DATE      |  |  |  |  |  |
|---------------------------|----------|-------------|-----------|--|--|--|--|--|
| FEE DETERMINATION         | Danel    |             | 107-03 m  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 11/54       | 7/13/01   |  |  |  |  |  |
| FORMALITY REVIEW          | MH       | <b>Q</b> 10 | 08:17:01  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |             | 100 11 01 |  |  |  |  |  |

## INDEX OF CLAIMS

| · . | Rejected                  | N   | Non-elected  |
|-----|---------------------------|-----|--------------|
|     | Allowed                   | - 1 | Interference |
| — ( | Through numeral) Canceled | Α   | Appeal       |
| ÷.  | Restricted                | 0   | Objected     |

| ۱.         | Cl         | aim      | Date        |  |          |            |          |              |              |          |           | 7         |          | Claim Date |               |            |          |          |                |              |          |          | ן "      | <u></u>       |           | Τ.           | Date   |               |            |                          |           |              |              |  |                                       |                   |   |                |            |
|------------|------------|----------|-------------|--|----------|------------|----------|--------------|--------------|----------|-----------|-----------|----------|------------|---------------|------------|----------|----------|----------------|--------------|----------|----------|----------|---------------|-----------|--------------|--------|---------------|------------|--------------------------|-----------|--------------|--------------|--|---------------------------------------|-------------------|---|----------------|------------|
|            |            | _        | <del></del> |  |          |            |          |              | Т            | 1        | ۲         | T-        | +        | Т          | Т             | Τ-         | DE       | 10       | 1              |              | 1        | Τ-       | [        | $\overline{}$ | alm       |              | _      | ्र<br>स       |            | De                       | ite       | ्र<br>इंडिट  | <del></del>  | ·                                      | ,                                     |                   |   |                |            |
|            | Final      | Pala     | 2 400       | 4302   | 8        | 043        |          | 72%          |              |          |           |           | 1        |            | Final         | Original   |          |          | 1              | 1            |          |          |          | Ÿ             |           | <br>         | 大学 京京  | Final         | Orlainal   | 14 法                     | 12        | 34           | 17.5         | 4                                      | · · · · · · · · · · · · · · · · · · · | 100000            | 3   | は              | Sec. 15.07 |
| <b>\$</b>  | ij.,       | ř        | 7           | :1~  | 15       | t          | #        | 9            | -            | +        | +         | +         | 7        | 1          | 1             | 51         | +        | -        | 1              | 3            | 3        | 1        | H        | -             | ₹<br>₹    |              |        | [             | 10         | 1                        | 1/4       | 14           | 1 4          | 1                                      | 25                                    | 84                |   | 100            | 80         |
|            | Ť,         | 2        | 1           | ti   | Ħ        | +          | H        | 7            | <del> </del> | 1        | 1         | +         | $\vdash$ | 1          | $\vdash$      | 52         |          | -        | ╁              | 1.           | -        | -        | -        | <del> </del>  | 1         |              | 130    |               | -          |                          | -         | -7.          | _            | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |                                       | 7. 1              | 1   | Ÿ.             | 133        |
| · • •      | 20         | .3       |             |  | Ħ        | , ,        | Н        | +            | P            |          | 1 10      | 1.,,      | 71.5     |            | 1.            | 53         |          | -5       | 1              |              |          |          | -        | -             | 7         | -            | 20     | _             | 10         |                          | -         | -            |              | 1                                      | 3.00                                  | 1211              |   |                | 9          |
| で変要        | F (        | 4        | <b>H</b>    |  | 1        |            | 炑        | H            | -            | 1.5      | -         | 1 3       | 1.       | 1.4        |               | 54         |          | A        | 1              |              |          |          | 3        | 4.3           | -X        | 152          | 鑾      | 135           | 10         |                          | (C)       | 1            | 34.5         |  |                                       | 51.               | 2.5   | 1 2            | 9.5        |
| 8          | ٠ <b>(</b> |          | M           | 3  | 13       |            | _        |              | 17.7         | 177      | 1         |           | 1        | 1.4        | 1             | 55         | 1        | 1        | <del> </del> - | 1            | 1/2W     | 7.       | 300      | 6,5%          | ===       | 33.5         | 333    | -             | 10         | 4.1                      | -         | 度:           | -3           | <b>W</b>                               | 200                                   | 極                 | 忠   | *              | 쐋          |
|            | -          |          | П           | Ī  | Г        | T          | 1        |              |              | _        | T         | 1         | T        | 1          |               | 56         |          | H        | 1              | $\vdash$     | 1        | $\vdash$ |          | H             |           | <del> </del> |        | -             | 10         | ┽—                       | $\vdash$  | ╁            | ├-           | -                                      | ╁                                     | -                 | -   | $\vdash$       |            |
| . [        | -          |          |             |  | П        | T          | 1        |              |              |          | 1         | $\Box$    | 1        | 1          |               | 57         |          | ✝        |                | -            | 1        | $t^-$    | -        | -             |           | $\vdash$     |        |               | 10         | +                        | 1         | <del> </del> | +            | <del> </del>                           | 1.                                    |                   | ╁─  | Н              | $\dashv$   |
|            | OL.        | *        | 1           |  |          | Ι          | Ι        |              |              |          |           |           |          | 1.         |               | 58         | T        |          |                | 17           |          |          |          |               |           | ٠.           |        | <u> </u>      | 10         |                          | 2         | 41           | ون           | 1.6                                    | 35. y                                 |                   | 5.1   | 39             |            |
|            |            |          |             |  |          | 1 6        | L        | , '          |              |          | 4.7       | 12,       | rapide." | 4          | ?             | 59         | 1        | -        | 77             | रम           |          | -        | 1        | -21           | 10        | 3            | 1424   |               | 100        |                          | Ť         | 1            | 1            |  | 77.3                                  |                   |   | D <sub>e</sub> |            |
| 81.        | •          | 1        | 4           | <u> </u>   | 1_       | $\perp$    | ⊥        |              |              |          | L         |           |          |            |               | 60         |          |          |                | 2            |          | .,       |          |               |           |              | ٠,     |               | 110        |                          | 144       | ٤            | -3           | ŧ ii                                   | 12 g/                                 | S STEP<br>SASSESS |   | 3              |            |
|            |            | ١,       | 4           |  | L        | L          | $\perp$  | _            | `            | L        | L         |           |          |            |               | 61         |          |          |                | ī            |          |          |          |               |           | -            |        |               | 11         |                          |           | 1            |              |  | 7.23                                  |                   |   | 7              |            |
|            | 4          | Ш        | 4           | Ļ  | L        | ╀          | 1        | _            |              |          | _         | L_        |          | ļ          | 上             | 62         |          | L        |                | L            |          |          |          |               |           |              |        |               | 112        |                          |           |              |              |  |                                       | 712.              |   | П              | 一          |
|            | , (        | ١.       | Ė           | 2,5  | L        |            | 1        | <u>:  </u>   | 4            | L        | Ľ         | Ш         | Ŀ        |            | L             | 63         | Ŀ        | _        |                | 3,41         |          | -:       | े        |               | 1         |              | 54     | , '<          | 113        | 15                       | 0         | 75           | , ×,         | 194                                    |                                       | ( )               | v   | 1.34           | ÷          |
| šŀ         | 13         |          | *           | -  | ΙY       | 14         | 7        | 4            | _            |          | ╙         | _         |          |            |               | 64         |          | Ĺ        |                |              | . (#)    |          | ~~       |               | ,         |              | . ): . |               | 114        | _                        | į         |              |              | *                                      |                                       | £ .               |   |                |            |
|            |            | 18       | _           | <del>                                     </del> | H        | Н          | Ļ        |              |              |          | <u> </u>  | Н         | _        |            | <u>L</u>      | 65         | Ш        | _        |                |              |          |          |          |               |           |              | . درج  |               | 115        |                          | - 4       | -1           |              | , ,                                    | d                                     | رائي              | . ·   |                | 7.2        |
|            | 法          | 17       | 20.         | , e  | Н        | ++         | 1        | 11           | /A           |          | 1880<br>1 | A.)       | -        | 57 va      | <u> </u>      | 66         | 3.5      | \$ 13    | 12.1           |              | Ġ,       | 'n.      | 19.7     | 17.4          | 老         | 3            |        | 7.53          | 116        | 猫                        | *         | <b>200</b>   |              | 8                                      |                                       | 游,                |   | 1              | ***        |
| <b>"</b> † | 244        | 18       | -           |  | ₩        | +1         | +        | ₩            |              | 4,       | ÷         | Н         |          |            | <u> </u>      | 67         | $\vdash$ | ٠, ١     |                | Ş            | 71       |          |          | (7)           |           | -            | -      |               |            |                          | 50        | 喽            | 400          | N. T.                                  | 4                                     | 变                 |   | 15             | ××         |
| Ť          |            | 18       | 15          | 17   | H        | H          | ╁        | ₩            | -            | -        |           | H         | -        | 12         | -             | 68         | $\vdash$ |          | H              | 1            | ΄,       | ·        |          |               | -         |              |        | 4.5           | 118        |                          | ·4.       | 3            | **           |  | 1 3                                   | ,                 | T.  | 37,            | 1          |
| ?}}        | - 1        | <u>ښ</u> | -           | -  | 1        | ┧          | ╁        | ₩            | -            | _        | ├         | Н         | 긕        |            | <u> </u>      | 69         | Н        |          |                |              |          | $\sqcup$ | $\dashv$ |               | _         |              |        | _             | 119        | -                        | ·         | 100          |              | `                                      | Ď.                                    | 4, 44             |   |                |            |
| +          | ┥          | 20<br>21 | -           | ├—   | Ľ        | ľ          | ╁        | ╫            |              |          | $\vdash$  | -         | -        |            | <u> </u>      | 70         |          | _        |                |              |          |          |          |               | _         |              |        |               | 120        | _                        |           | <u>_</u>     |              |  | ·                                     | . *               |   |                |            |
| ٠,         | gr( )      | 22       | ~           | 6 -  | 127      | ╁          | ╁        | ₩            | ᆛ            |          |           | $\vdash$  | -        |            | -             | 71         | -        |          | Н              | _            | _        | _        |          |               |           | _            | . 17   | _             | 121        |                          |           | 1.72         | 4.2          |  | 14.4                                  | ٥                 | (Zoda   | 32             | -1         |
| ٤          |            | 23       | 10.0        | -  | -        | ╁          | ╁        | ₩            | -            |          | -         |           | $\dashv$ |            |               | 72<br>73   |          |          |                | ξ.           | 12,      |          |          |               |           | -4           |        | 75            | 122        |                          | •         |              | 4            | N.                                     |                                       | Ü                 | ry se   |                | ~ *        |
| 4          | _          | 24       |             | -  | -        | ╁          | ť        | +            | $\dashv$     | _        |           | Н         |          |            |               | 74         | $\vdash$ |          |                |              |          |          |          |               |           |              |        |               | 123        | _                        | 4         | ·            | . 44         | 45.                                    | 18.                                   | -2-               |   |                |            |
| \$         |            | 25       | ×           | $\vdash$   | _        | ├          | H        | +            | $\dashv$     | -        | -         |           |          |            | -             | 75         |          | _        | =              |              | _        |          |          | -             |           |              | 250    | _             | 124        |                          |           |              | _            |  |                                       |                   |   | _              |            |
| 1          |            | 26       |             |  | $\vdash$ | $\vdash$   | †        | +            | -            |          |           | $\dashv$  |          |            | $\vdash$      | 76         | $\dashv$ |          | $\dashv$       |              | _        | -        | $\dashv$ |               | $\dashv$  | $\dashv$     |        | _             | 125        | Н                        | _         |              |              | _                                      | 32.0                                  |                   | _   |                | 4          |
|            |            | 27,      | 7           | - 1-6  | , -      | 1          | t        | +            | 7            |          |           | $\dashv$  | $\dashv$ |            |               | 77         | $\dashv$ | -        | -              | $\dashv$     | _        |          | $\dashv$ | -             | ┪         | $\dashv$     |        | _             | 126<br>127 | <u> </u>                 | 34        | : -2         | **           | 6,5                                    | P 20                                  | 10 A              | e <sup>2</sup> ji   | 40             | -          |
|            |            | 28       |             |  | Г        |            | t        | 7            | ┪            |          | _         | $\exists$ | ┪        |            |               | 78         |          |          |                |              | _        | -        | -        | -             | $\dashv$  | ᅱ            |        | -             | 128        | Н                        |           | _            | -            | •                                      |                                       | -                 | $\overline{}$   | -              |            |
|            | 1          | 29       |             |  |          |            | T        | T            |              | $\neg$   |           |           | $\neg$   |            |               | 79         |          |          |                |              |          |          |          | -             | -         | $\dashv$     | ı      |               | 129        | Н                        |           |              |              | _                                      | $\vdash$                              |                   | $\dashv$  | -+             | $\dashv$   |
|            | 15         | 30       |             |  |          | L          | Γ        | 1            | T            |          |           |           |          |            |               | 80         |          |          |                | -            |          |          |          | _             | 7         |              |        | _             | 130        | $\vdash$                 | $\dashv$  |              |              | _                                      |                                       |                   | 1   | +              | $\dashv$   |
| ر<br>برای  | 4          | 31       |             |  |          |            |          | $\prod$      |              |          |           |           |          |            |               | 81         |          |          |                | $\dashv$     |          | $\neg$   | 7        | 1             | _†        | $\exists$    | İ      | $\overline{}$ | 131        |                          | $\exists$ |              | _            |  | -                                     | 7.5               | $\exists$   | $\dashv$       | $\dashv$   |
| 7          | -          | 32       |             |  |          | L          |          | $\perp$      |              |          |           |           |          |            |               | 82         |          |          |                |              |          |          |          | _             | $\exists$ | 7            | - 1    | Ī             | 132        | $\vdash$                 | $\exists$ | $\dashv$     |              | _                                      | _                                     |                   | Ť   | +              | ᅱ          |
| L          | _          | 33       | _           | Щ  |          | _          | L        | 1            | _[           |          | _]        | $\Box$    |          |            |               | 83         |          |          |                |              |          |          |          |               | _†        |              | ļ      |               | 133        |                          |           |              | $\neg$       | 7                                      | $\dashv$                              |                   | $\dashv$  | 十              | $\dashv$   |
| ,          | _          | 34       | 4           | Щ  |          | <b>⊢</b> - | _        | 4            | 4            | _        | _         | _         | $ \bot $ |            |               | 84         | $\Box$   |          | $\Box$         | $\Box$       |          |          |          |               |           |              | Ì      |               | 134        |                          |           |              |              |  |                                       | 7                 | $\dashv$  | $\dashv$       | ヿ          |
| -          |            | 35<br>36 |             |  | _        | -          | 1        | $\downarrow$ | $\dashv$     | 4        |           | $\dashv$  | _        |            |               | 85         | _        | _        | _              | _            | $\dashv$ |          | _[       | $\Box$        |           |              |        | _             | 135        |                          |           |              |              |  |                                       |                   | 丁   | $\Box$         |            |
| +          | -          | 37       | $\dashv$    |  |          | -          | $\vdash$ | +            | -            | 4        | _         | _         | _        |            |               | 86         | $\dashv$ | _        | _              | _            |          | _        | _        |               | 4         | $\Box$       | [      |               | 136        |                          |           |              |              |  | $\Box$                                | J                 |   | $\Box$         |            |
| -          | _          | 38       |             | -  | _        | -          | $\vdash$ | +            | $\dashv$     |          | _         | $\dashv$  | 4        |            |               | 87         | _        | 4        | _              | 4            | _        |          | _        | $\dashv$      | $\perp$   | 4            |        | -             | 137        | _[                       |           |              |              |  | $\Box$                                |                   | $oldsymbol{\bot}$   | $\Box$         |            |
| $\vdash$   | -+         | 39       |             |  | _        | -          | -        | +            | +            | -        |           | -         | $\dashv$ |            |               | 88         | $\dashv$ | _        |                | _            | 4        | _        | 4        |               | 4         | _            |        | -+            | 138        | $ \bot \!\! \downarrow $ |           | $\perp$      | _            |  | $\Box$                                | $\Box$            | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$         |            |
| -          | -          | 40       | -           | $\dashv$   |          | -          | -        | +            | +            | -        | -         | +         |          | - 1        | +             | 89         | $\dashv$ |          |                | $\dashv$     | -        | 4        | -        | -             | _         | _            | -      |               | 139        | _                        | _         | _            | 4            | _                                      | _                                     | $\downarrow$      |   | $\perp$        |            |
| H          | -          | 41       | $\dashv$    | -  | _        | -          | <u> </u> | +            | +            | -        | $\dashv$  | +         | $\dashv$ | ŀ          |               | 90         | $\dashv$ |          | _              |              | _        | 4        | _        | 1             | 4         | _            | 1      | -             | 140        | _                        | _         | $\perp$      |              |  | $\perp$                               |                   | $\perp$   | $\bot$         |            |
| $\vdash$   | -+         | 12       | $\dashv$    |  |          | _          | H        | +            | +            |          | -         | $\dashv$  | 4        | -          |               | 91         | 4        | -        | _              | $\downarrow$ | _        | _        | 4        | _             | _         | $ \bot $     |        | -             | 141        | _                        |           |              |              |  |                                       |                   |   |                |            |
| 1          |            | 13       | +           | -  | -        |            | -        | +            | +            | $\dashv$ |           | +         | $\dashv$ | }          | $\rightarrow$ | 92         | +        | $\dashv$ | -              | $\dashv$     | _        | 4        | -        | 4             | 4         | _            |        |               | 142        | _                        | $\dashv$  | _            | $\downarrow$ | _[                                     | _[                                    | _[                | $\bot$  | $\perp$        |            |
| -          | -+         | 44       | _           | +  | -        | -          | H        | +            | +            | +        | $\dashv$  | +         | $\dashv$ | -          |               | 93<br>94   | +        | -        | +              | -            | -        | +        | 4        | -             | -         | $\dashv$     | 1      |               | 143        | _                        | _         | $\dashv$     | 4            | _                                      | _                                     | _                 | $\perp$   | _              |            |
|            | -          | 15       | $\dashv$    | +  |          | -          | ٠        | +            | +            | +        | +         | +         | $\dashv$ | -          |               | 94<br>95   | -        | 4        |                | $\dashv$     |          | 4        | 4        | 4             | +         | 4            | ļ      |               | 144        | _                        | 4         | _            | 4            | 4                                      | 4                                     | _                 | $\dashv$  | $\perp$        |            |
| $\vdash$   |            | 16       | +           | +  |          | -          |          | +            | +            | +        | +         | +         | $\dashv$ | -          |               | 95  <br>96 | $\dashv$ | +        | -+             | $\dashv$     | -        | +        | +        | +             | +         | -            | -      |               | 45         | _                        | $\dashv$  | 4            | 4            | $\dashv$                               | -                                     | 4                 | $\dashv$  | $\perp$        | _          |
| $\vdash$   | -          | 17       | $\dashv$    | $\dashv$   | 7        | -          | _        | +            | +            | +        | +         | +         | $\dashv$ | }          |               | 96<br>97   | +        | $\dashv$ | $\dashv$       | -+           | $\dashv$ | $\dashv$ | $\dashv$ | +             | +         | $\dashv$     | -      |               | 46         | +                        | -         | +            | -            | 4                                      | 4                                     | 4                 | $\downarrow$  | 4              | 4          |
|            |            | 8        | 7           | +  | -†       |            |          | +            | +            | $\dashv$ | $\dashv$  | +         | $\dashv$ | -          |               | 98         | +        | +        | +              | +            | +        | $\dashv$ | +        | +             | +         | 4            | F      | -             | 47         |                          | +         | $\dashv$     | 4            | 4                                      | $\downarrow$                          | +                 | $\dashv$  | $\downarrow$   | 4          |
|            | 7          | 19       | +           |  | _        |            |          | +            | +            | $\dashv$ | $\dashv$  | +         | $\dashv$ | ŀ          |               | 99         | +        | $\dashv$ | +              | -            | +        | +        | +        | +             | +         | $\dashv$     | -      |               | 48         | -                        | +         | -            | 4            | +                                      | $\dashv$                              | +                 | +   | +              | $\dashv$   |
|            | 5          | 0        |             |  |          |            | _        | Ť            | _            | +        | +         | +         | $\dashv$ | ŀ          |               | 00         | +        | +        | +              | +            | +        | +        | +        | +             | +         | $\dashv$     | +      |               | 49<br>50   | +                        | +         | +            | +            | +                                      | +                                     | +                 | +   | +              | $\dashv$   |
|            |            |          |             |  |          |            | _        | _            |              |          |           |           | _        | _          |               |            |          |          | ш.             |              |          |          |          |               |           |              | L      | 1             | Ju         |                          |           |              | 1_           |  |                                       | _1                |   |                | _          |

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If more than 150 claims or 10 actions staple additional sheet here